

Llanelly Rural District Council



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# Annual Report

*of the*

Medical Officer of Health

*for the*

Year ending 31st December, 1959

"Mercury" Offices, Llanelly

---

1960.




# Llanelly Rural District Council

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*With the  
Medical Officer of Health's  
Compliments*

*Public Health Dept.  
Council Offices,  
Castle Buildings,  
Llanelly.*



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# Llanelly Rural District Council

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LLANELLY RURAL DISTRICT COUNCIL

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PUBLIC HEALTH COMMITTEE

---

BRINLEY THOMAS, J.P. (*Chairman*).

H. HUGHES, B.A.

ALBERT BOWEN.

J. G. RODGE, J.P.

EDGAR THOMAS, J.P.

J. E. R. ALFORD.

T. O. JONES, B.A.

Mrs. C. E. BEASLEY, B.A.

W. J. EAVES.

T. E. WILLIAMS.

D. R. EDWARDS.

C. McLOUGHLIN.

D. W. JAMES.

C. JENKINS.

HERBERT JAMES.

H. M. EDWARDS, B.Sc.

## PUBLIC HEALTH STAFF

---

Medical Officer of Health :

E. H. B. HOPKINS, M.R.C.S., L.R.C.P., D.P.H.

Chief Public Health Inspector :

D. IDWAL TREHARNE, M.R.S.H., M.A.P.H.I.,

Inspector of Meat and Other Foods.

## PUBLIC HEALTH INSPECTORS AND INSPECTORS OF MEAT AND OTHER FOODS :

T. J. BIBBS, M.A.P.H.I.

S. L. MORRIS, M.A.P.H.I.

A. V. ROWLANDS, M.A.P.H.I., D.P.A.

Chief Clerk :

W. O. G. RODERICK.

Clerks :

D. T. REES, M.R.I.P.H.H.

G. J. C. EVANS, A.B.I.

Rodent Officer :

T. L. SADLER.

Student Public Health Inspector :

C. P. WILLIAMS.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE  
YEAR 1959

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Mr. Chairman, Madam and Gentlemen,  
Llanelly Rural District Council.

Mr. Chairman and Gentlemen,

I beg to submit my Report for the year 1959 on the health administration of the Rural District.

In doing so, I would like to thank the Chairman and Councillors for their assistance and kindness during the year.

I am,

Your obedient Servant,

E. H. B. HOPKINS,  
Medical Officer of Health.

Public Health Department,  
Castle Buildings,  
Llanelly.

1960.

## SECTION A.

SUMMARY OF VITAL AND MORTAL STATISTICS FOR YEAR  
1959

Area of Rural District	.....	.....	.....	51,367 acres
Llanedy	.....	.....	5,680 acres	
Llanelly Rural	.....	.....	15,060 acres	
Llangennech	.....	.....	2,396 acres	
Llannon	.....	.....	10,612 acres	
Pembrey	.....	.....	14,778 acres	
Pontyberem	.....	.....	2,851 acres	
Population (1951 census)	.....	.....	.....	37,266
Population (Registrar General's Estimated mid-year 1959)	.....	.....	.....	39,260
Density (persons per acre)	.....	.....	.....	1.31
Dwelling Houses in Rural District inhabited at end of 1959	.....	.....	.....	12,281
Rateable Value	.....	.....	.....	£412,263
Product of 1d. Rate	.....	.....	.....	£1,212 18s. 9d

**Live Births :**

Males 303	Females 300	Total 603
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**Deaths :**

Males 258	Females 195	Total 453
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**Deaths (65 and over) :**

Males 145	Females 139	Total 284
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**Still Births :**

Males 8	Females 5	Total 13
---------	-----------	----------

**Deaths of Infants under one year :**

Males 8	Females 11	Total 19
---------	------------	----------

**Deaths of Infants under four weeks (Neonatal Deaths) :**

Males 5	Females 10	Total 15
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There were 17 Illegitimate live births—6 males ; 11 females.

No. of Illegitimate infant deaths under 1 year—Nil.



**Birth and Death Rates for 1959 :**

		Llanelly	Rural	Rate for England and Wales
	No.	Crude Rate	Ad- justed Rate	
Live Births and Rate per 1,000 population .....	603	15.38	15.07	16.5
Still Births and rate per 1,000 live and still births .....	13	21.10	—	20.7
Total live and still births .....	616	—	—	—
Infant Deaths and Mortality rate per 1,000 live births .....	19	31.51	—	22.0
Infant Mortality rate per 1,000 live births—legitimate .....	<i>19</i>	32.59	—	—
Infant Mortality rate per 1,000 live births—illegitimate .....	<i>NIL</i>	Nil	—	—
Neo-natal Mortality Rate per 1,000 live births (Deaths under 4 weeks) .....	15	24.88	—	15.8
Early Neo-natal Mortality : (Deaths under 1 week) No. and rate per 1,000 total live births :				
Males .....	2			
Females.....	10			
	— 12	19.90	—	—
Perinatal Mortality Rate : (Still births and deaths of infants under 1 week) No. and rate per 1,000 total live and still births :				
Males .....	10			
Females.....	15			
	— 25	39.94	—	—
Illegitimate live births—percent- age of total live births .....	17	2.82	—	—
Maternal Mortality rate per 1,000 live and still births .....	Nil	—	—	.38
Deaths and rate per 1,000 popula- tion .....	453	11.54	14.07	11.6

**Live Births :**

Adjusted birth rates for 1957 and 1958 were 14.67 and 14.94 respectively.

Still Birth Rate for 1957 and 1958 were 37.34 and 20.00. 13 still births were registered for 1959 as compared with 12 for 1958.

Nett Deaths from stated causes at various ages under 1 year of age.

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
Pneumonia .....	—	—	—	—	—	—	3	—	—	3
Cerebro-Spinal Agensis .....	—	—	—	1	1	—	—	—	—	1
Congenital Malformation .....	—	1	—	—	1	—	—	1	—	2
Atelectasis .....	3	—	—	—	3	—	—	—	—	3
Cerebral Haemorrhage .....	2	—	—	—	2	—	—	—	—	2
Hydrops Foetalis .....	1	—	—	—	1	—	—	—	—	1
Prematurity .....	6	—	1	—	7	—	—	—	—	7
Totals .....	12	1	1	1	15	—	3	1	—	19

162 of the births (roughly 26.86% of the total births) took place at home, within the Rural District.

#### Infant Deaths according to age and place of death :

Age of Infant	Place of Death		
	In Hospital	At Home	Total
Under 1 week .....	13	—	13
1—2 weeks .....	1	—	1
2—3 weeks .....	1	—	1
3—4 weeks .....	1	—	1
Over 4 weeks .....	2	1	3
	18	1	19

The infant mortality rate, though lower than the rates for the previous three years, remains still above the national average. The main causes of this are again to be found in neo-natal deaths.

A new rate is introduced this year which records still births and deaths of under one week old. This shows that one out of every twenty-five babies born to the residents of the Llanelly Rural District Council fail to survive into the second week of life.

### INFANT MORTALITY RATES FOR THE LAST 8 YEARS

Year	Infant Mortality		Neo-Natal Mortality	
	R.D.	England and Wales	R.D.	England and Wales
1952	40.38	27.6	26.92	18.3
1953	44.44	26.8	35.19	17.7
1954	43.65	25.5	25.79	17.7
1955	29.93	24.9	21.12	17.3
1956	45.54	23.8	30.96	16.9
1957	33.73	23.1	18.55	16.5
1958	43.38	22.5	33.44	16.2
1959	31.51	22.0	24.88	15.8



# CAUSES OF DEATH IN THE LLANELLY RURAL AREA IN 1959

## REGISTRAR GENERAL'S STATISTICS

		All Ages		
Causes of Death		M.	F.	Total
1	Tuberculosis—Respiratory system .....	3	1	4
2	Tuberculosis—other forms .....	—	1	1
3	Syphilitic Disease .....	—	—	—
4	Diphtheria .....	—	—	—
5	Whooping Cough .....	—	—	—
6	Meningococcal Infection .....	—	—	—
7	Acute Poliomyelitis .....	—	—	—
8	Measles .....	—	—	—
9	Other Infective and Parasitic Diseases .....	—	—	—
10	Malignant Neoplasm, stomach .....	6	5	11
11	Malignant Neoplasm, Lung, Bronchus .....	16	—	16
12	Malignant Neoplasm, Breast .....	—	7	7
13	Malignant Neoplasm, Uterus .....	—	3	3
14	Other Malignant and Lymphatic Neoplasms .....	28	8	36
15	Leukaemia, aleukaemia .....	2	—	2
16	Diabetes .....	2	6	8
17	Vascular lesions of nervous system .....	23	32	55
18	Coronary Disease, angina .....	49	23	72
19	Hypertension with heart disease .....	—	9	9
20	Other heart disease .....	23	27	50
21	Other Circulatory Diseases .....	15	19	34
22	Influenza .....	2	3	5
23	Pneumonia .....	8	10	18
24	Bronchitis .....	17	1	18
25	Other Diseases of the Respiratory System .....	28	1	29
26	Ulcer of stomach and duodenum .....	3	2	5
27	Gastritis, enteritis and diarrhoea .....	—	2	2
28	Nephritis and nephrosis .....	—	1	1
29	Hyperlasia of prostate .....	9	—	9
30	Pregnancy, childbirth, abortion .....	—	—	—
31	Congenital malformation .....	4	2	6
32	Other defined and ill-defined diseases .....	9	22	31
33	Motor vehicle accidents .....	1	2	3
34	All other accidents .....	7	8	15
35	Suicide .....	3	—	3
36	Homicide and operations of war .....	—	—	—
All Causes .....		258	195	453

Included in the above are :

Deaths from Pneumoconiosis .....	19
Deaths contributed by Pneumoconiosis .....	8
Deaths from Silicosis .....	1
Deaths contributed by Silicosis .....	—

## Causes of Death for the past ten years

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Cancer .....	52	58	62	55	63	69	73	60	65	75
Scarlet Fever .....	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Mem- braneous Croup) .....	—	—	—	—	—	—	—	—	—	—
Typhoid Fever .....	—	—	—	—	—	—	—	—	—	—
Puerperal Fever .....	1	—	1	—	—	—	1	—	—	—
Measles .....	—	—	—	—	—	—	—	—	—	—
Whooping Cough .....	—	—	—	—	1	—	1	—	—	—
Diarrhoea and Dysentery .....	—	—	4	4	2	—	1	2	2	2
Rheumatic Fever .....	—	—	—	—	—	—	—	—	—	—
Phthisis .....	8	15	6	7	7	11	5	3	4	4
Bronchitis and Pneumonia .....	38	15	21	38	38	32	33	25	36	36
Cardiovascular Disease .....	146	155	184	187	215	236	207	208	215	220
Injuries .....	19	12	17	11	18	22	14	23	21	18
All other causes .....	183	211	123	109	108	99	113	130	102	98
Totals .....	477	466	418	411	452	469	447	451	445	453

The main causes of death in the Rural District during 1958 and 1959 were as follows :—

		1958		1959
1. Cardiovascular conditions	215	48.31%	220	48.12 %
2. Cancers of various kinds	65	14.60%	75	16.55 %
3. Respiratory diseases (ex- cluding Tuberculosis and Cancer) .....	36	8.10%	65	14.34%
4. Accidents .....	21	4.72%	15	3.31%

Four deaths were due to accidents in the home.

The Home Help Service, although performing much useful work in the performance of essential duties of the household, leaves much to be accomplished in the way of other needs of the aged and chronic sick. There is considerable scope for voluntary work in this sphere.

The population as estimated by the Registrar General has increased from 37,266 at the time of the 1951 census to an estimated mid-year population for 1959 of 39,260.

The adjusted birth rate for the district is lower than that for England and Wales, whilst the death rate is higher.



Comparative figures for cancer deaths are as follows :—

	Llanelly Rural				England and Wales			
	No. of Deaths			Rate per 1,000 popula- tion	No. of Deaths			Provis- ional Rate per 1,000 popula- tion
	M.	F.	Total		M.	F.	Total	
Cancer of Lung and Bronchus	16	—	16	.41	18181	2882	21063	.464
Other Cancer .....	36	23	59	1.51	33602	42451	76053	1.676

### Diphtheria Immunisation

The striking reduction in the number of deaths due to diphtheria from 2,000 per annum to the present figure speaks for itself as to the value of immunisation.

It is only by maintaining a high percentage of immunisation in the community that the danger of an epidemic due to diphtheria can be avoided. With the annual number of births approximately 600, one would wish to see a higher number of immunisations per annum than the present figure.

Diphtheria and Whooping Cough immunisation are both given at the County Clinics.

Diphtheria immunisation figures in Llanelly Rural District during 1953-1959 :—

Year	Ages in Years		Boosters	Total	No. of Immunisations in ages 0—5 years as percentage of total live births
	0—5	5—15			
1953	338	119	603	1060	62.60
1954	295	4	6	305	58.53
1955	324	74	656	1054	57.04
1956	418	155	733	1306	78.28
1957	262	17	5	284	44.18
1958	361	2	8	371	60.34
1959	354	4	13	371	58.70

### Whooping Cough Vaccination

Number combined with Diphtheria Immunisation	.....	170
Others .....	.....	213
Total	.....	383

The importance of Immunisation is shown from the figures for deaths from, and notifications of diphtheria for England and Wales since 1948 :—

Year.		Deaths		Notifications
1948	.....	156	.....	3575
1949	.....	84	.....	1890
1950	.....	49	.....	962
1951	.....	33	.....	664
1952	.....	32	.....	376
1953	.....	23	.....	266
1954	.....	9	.....	173
1955	.....	11	.....	161
1956	.....	8	.....	63
1957	.....	6	.....	43
1958	.....	—	.....	61
1959	.....	—	.....	103

### Small Pox :

No cases of small pox were notified in the area during the year. Experiences in other parts of the country emphasise the need for vaccination against small pox.

1,134 children under one year were vaccinated in Carmarthenshire during the year. This is estimated as 48.50% of the number of registered births for the year. It will be seen that there is considerable room for improvement.

### Poliomyelitis :

No case of poliomyelitis was notified during the year.

Immunisation was continued during the year, the following being the statistics for the whole county :—

### School Children :

No. who received a full course of two injections	.....	6086
No. who received one injection	.....	240

### Persons between 15 and 25 years :

No. who received a full course of two injections	.....	4816
No. who received one injection	.....	95

### Expectant Mothers :

No. who received a full course of two injections	.....	610
No. who received one injection	.....	14



**Others :**

No. who received a full course of two injections	.....	243
No. who received one injection	.....	51

Since the extension of the course to include a third injection, 15,335 persons have received this additional injection.

**Scarlet Fever :**

18 cases were reported during the year, an increase of one as compared with 1958. The disease continues to be mild, Streptococcal sore throats were prevalent in some areas during the year.

**Whooping Cough :**

14 cases were notified during the year as compared with three in 1958.

**Measles :**

There were 175 cases of measles reported during the year as compared with 648 in 1958. The disease was mainly mild and there were few complications.

**Dysentery :**

71 cases of dysentery were notified during the year. Investigations of these cases and their contacts resulted in the isolation of the following :—

Sonne Dysentery	from 58 persons.
Salmonella Dublin	from 2 persons.
Salmonella St. Paul	from 2 persons.
Flexner Dysentery	from 1 person.

Investigation of the Flexner Dysentery case, in a schoolboy aged 12, brought to light a mild epidemic of Sonne Dysentery in a local elementary school. Sonne Dysentery was subsequently isolated from the children of the family of the boy and about two weeks later Salmonella St. Paul from the mother, who had no symptoms of disease.

The number of cases of Sonne Dysentery that occurred in the area during the year would appear to be very much greater than the number notified. 26 of the latter were discovered in the routine investigation of the school and the follow up of children who gave positive results.

The original sources of these infections could not be ascertained.

The Salmonella Dublin cases lived on farms where cattle were known to be suffering from the infection.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES DURING 1959.

	Scarlet Fever.		Whooping Cough.		Poliomyelitis.				Pneumonia	
	M.	F.	M.	F.	Paralytic		Non-Paralytic		M.	F.
					M.	F.	M.	F.		
Numbers originally notified	6	12	8	6	—	—	—	—	18	12
Final Numbers after correction :—										
Under 1 year	—	—	1	—	—	—	—	—	—	—
1—5 years	3	6	4	3	—	—	—	—	2	1
5—9 years	1	5	3	3	—	—	—	—	3	—
10—14 years	2	1	—	—	—	—	—	—	1	1
15—24 years	—	—	—	—	—	—	—	—	—	—
25—44 years	—	—	—	—	—	—	—	—	2	5
45—64 years	—	—	—	—	—	—	—	—	6	2
65 and over	—	—	—	—	—	—	—	—	3	2
Age unknown	—	—	—	—	—	—	—	—	1	1
Total (all ages)	6	12	8	6	—	—	—	—	18	12

14

	Measles.	Diphtheria.	Dysentery.	Meningo- coccal Infection.	
	M.	F.	M.	F.	M.
Numbers originally notified....	98	77	—	—	—
Final numbers after correction :—					
Under 1 year	1	5	—	2	1
1—5 years	49	41	12	7	—
5—9 years	47	30	10	9	—
10—14 years	—	1	3	3	—
15—24 years	—	—	—	1	—
25 and over	—	—	8	16	—
Age unknown	1	—	—	—	—
Total (all ages)	98	77	33	38	1

In addition, one case of Erysipelas, one case of Ophthalmia Neonatorum and one case of Puerperal Pyrexia were notified.

## OPHTHALMIA NEONATORUM, 1959

Ophthalmia Neonatorum	Cases			Vision Un- Impaired	Vision Impaired	Total Blind- ness	Deaths
	Notified	Treated					
		At Home	In Hospital				
	1	1	—	1	—	—	—

## TUBERCULOSIS

Age Periods	New Cases Reported				Deaths Reported			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 yrs	—	—	—	—	—	—	—	—
5—14	2	—	1	—	—	—	—	—
15—24	1	3	1	1	—	—	—	—
25—44	1	2	—	—	—	1	—	—
45—64	4	2	2	1	3	—	—	1
65 and upwards	2	1	—	—	—	—	—	—
Age Unknown	—	—	—	—	—	—	—	—
	10	8	4	2	3	1	—	1



## TUBERCULOSIS

Table showing notifications and number of deaths from Tuberculosis over past 40 years :—

Year	New Cases				Deaths			
	No. of new cases Notified		Rate per 1,000 population		Number of deaths		Rate per 1,000 population	
	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory
1913	40	16	1.3	.5	20	16	.6	.5
1923	70	32	1.8	.9	31	16	.9	.45
1933	39	12	1.0	.3	29	7	.8	.2
1934	68	14	1.8	.4	21	6	.6	.2
1935	59	17	1.6	.5	36	6	.9	.2
1936	52	13	1.4	.4	36	7	.9	.2
1937	59	10	1.6	.3	25	8	.7	.3
1938	35	13	.9	.4	21	3	.6	.09
1951	42	15	1.2	.4	15	1	.4	.03
1952	51	12	1.3	.3	6	2	.15	.05
1953	32	20	.8	.5	7	2	.2	.05
1954	41	11	1.1	.3	7	—	.18	—
1955	29	16	.74	.4	11	1	.28	—
1956	43	5	1.09	.13	5	—	.13	—
1957	28	5	.72	.13	3	1	.08	.03
1958	19	8	.48	.20	3	—	.08	—
1959	18	6	.46	.15	4	1	.10	.03

The number of new cases of Tuberculosis again showed a decrease on previous years.

The treatment of Tuberculous patients is undertaken by the Regional Hospital Boards and the Chest Physicians.

Enquiries regarding the domiciliary care of Tuberculous patients should be addressed to the County Medical Officer of Health.

The County Council will assist in the domiciliary care of tuberculous and other patients, by the provision on loan or otherwise, of beds, bedding, sickroom equipment and home help assistance. In addition, sleeping out shelters are available for certain tuberculous patients.

Assistance is granted in necessitous cases towards the cost of the travelling expenses of relatives visiting long stay patients in hospitals and sanatoria. In practice it has been found that the great majority of applications for assistance have been relatives of tuberculous patients.

Assistance is granted for visits to hospitals and sanatoria which are not less than 40 miles from the residence of the applicant, and is subject to the following conditions.



- (a) That there is urgent reason for the visit because of the patient's serious condition, or that the visit would in medical opinion do the patient good and aid response to treatment.
- (b) That because of the length of the journey, the relatives concerned are unable to afford it from their own resources without substantial hardship.
- (c) That subject to (a) above, assistance is restricted to one relative every month or two relatives every two months, unless a senior member of the Medical Staff of the Hospital certifies that more frequent visits are essential on account of the patient's serious condition.

### **Mass Radiography :**

In conjunction with the Welsh Regional Hospital Board, a Mass Radiography unit visited some local works and I would like to thank the management and staff for their ready co-operation in ensuring the success of these visits.

A new arrangement for Mass Radiography Units is to come into force in 1960. Mass Radiography services will be available at the new Hospital in Singleton Park, Swansea, daily, and at Llanelly Market on Mondays.

Arrangements are also likely to be made for periodic visits to works and other sites in the area as soon as the facilities available permit this to be done.

## **SECTION B.**

### **GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA**

#### **Laboratory Facilities**

(a) An arrangement is in operation for the bacteriological examination of pathological specimens, milk samples and ice-cream samples, at the Public Health Laboratory, Carmarthen.

(b) Water Analysis—This work is carried out by Mr. H. J. Evans, B.Sc., F.R.I.C., F.C.S., of the County Analyst's Laboratory, Carmarthen, and by the Public Health Laboratory, Carmarthen.

Part III. of the services of the National Health Service Act, 1946, are administered in the area by the Carmarthen County Council.

The British Red Cross Society has a Loan Depot at Lucania Buildings, Llanelly, where a limited supply of household and sick room appliances are made available. The Depot is open Monday to Friday from 6.30—7.30 p.m. Equipment for home nursing may also be obtained from the Health Department of the Carmarthenshire County Council.

#### CHILD WELFARE CLINICS :

Place	Where Held	When Held	Times
Felinfoel	The Aelwyd, Penygaer	Thursdays (fortnightly)	2-4 p.m.
Furnace	Saron Vestry	Wednesdays	2.30-4.30 p.m.
Llangennech	Salem Vestry, Afon Rd.	Tuesdays	2-4.30 p.m.
Llwynhendy	Nazareth Chapel Vestry	Tuesdays	2-4.30 p.m.
Pontyates	Welfare Hall	Wednesdays	2-4 p.m.
Pontyberem	Public Hall	Wednesdays	2.30-5 p.m.
Pwll	Salem Chapel Vestry	Wednesdays	2.30-4 p.m.
Trimsaran	Workmen's Institute	Tuesdays	2-4 p.m.
Tumble	Welfare Pavilion	Tuesdays	2.30-4.30 p.m.

#### ANTE-NATAL CLINICS

Llangennech	Salem Vestry, Afon Rd.	Wednesdays (weekly)	9.30-12 noon.
Pontyates	Welfare Hall	Wednesdays (weekly)	9.30-12 noon.
Cross Hands	Public Hall	Thursdays (weekly)	10-12 noon.
Llanelly	The Clinic, Goring Rd.	Tuesdays (weekly)	9.30-12 noon.
Ammanford	The Clinic, Ammanford	Thursdays (weekly)	9.30-12 noon and 2-4 p.m.

#### CHEST CLINICS

Llanelly	Bay View, Capel Road	Daily	9.30 a.m.-12 noon and 2-4 p.m.
		Saturday	9-1 noon.



## HOSPITALS

The West Wales Isolation Hospital for the treatment of Infectious diseases and certain number of cases of Tuberculosis, is situated within the area.

### Local Hospitals :

There are four local hospitals, the Llanelly General Hospital of 148 beds ; the Bryntirion Hospital of 154 beds and the Glasfryn Maternity Hospital of 12 beds.

Cilymaenllwyd with 43 beds has been used as a pre-convalescent hospital. It has proved of immense value and as a result the surgical waiting list at the General Hospital has been very considerably reduced.

Plans are being made for extensions to the Llanelly General and Bryntirion Hospitals, aimed mainly at improving the quality of the medical services available.

### Family Guidance Clinic :

Under arrangements with the County Council a Clinic is held at the Nursing Institute, Goring Road, Llanelly, twice monthly for married women requiring advice on Birth Control on medical grounds. Medical Practitioners requiring the attendance of patients at the Clinic are required to send full particulars under confidential cover, to the County Medical Officer of Health.

### Distribution of Welfare Foods :

National Welfare Foods which were formerly distributed by the Ministry of Food are now being distributed under the arrangements of the Carmarthenshire County Council at Clinics.

### Home Help Service :

The Home Help Service is organised by the Carmarthenshire County Council.

The Home Helps are provided during the laying-in period in maternity cases where the patient has no relative available to undertake the domestic duties of the home, and also in certain cases of sickness and need. For those on National Assistance, domestic help can be arranged when needed through the National Assistance Board.

### Mental Health Service :

The officers duly authorised to take initial proceedings under the Lunacy and Mental Treatment Acts, for the provision and care and treatment of persons in the area suffering from mental illnesses are :—

Mr. D. A. John, 61, Llandafen Road, Llanelly.  
 Mr. E. Evans, 51, Trosserch Road, Llangennech.  
 Mr. G. Jones, 58, Margaret Street, Ammanford.

### **Mental Defectives :**

The Carmarthenshire County Council are responsible for the ascertainment, supervision and general welfare of mental defectives.

Supervisory home visits are made by a Social Worker and Home Teachers are also employed for the home teaching of mental defectives. The Occupation Centre was opened at the Old Nevill's Foundry Offices, Ann Street, Llanelly, during 1955. Defectives who cannot be fitted into the community are referred to the Regional Hospital Board for admission to suitable institutions.

### **Blood Transfusion Service :**

There is a small Blood Bank at the Llanelly General Hospital and the services of a Pathologist with three trained Technicians are available.

Blood Grouping and Cross Matching are part of the normal laboratory routine and a twenty-four hour service is maintained for emergencies.

Donations of blood received in Llanelly area :—

Llanelly Town Sessions	.....	334
Morris Motors, Felinfoel	.....	73
R.N. Stores Depot, Llangennech	.....	88
Steel Company of Wales—Trostre	.....	90
Carmarthen Bay Power Station	.....	166
		<hr/>
		751
		<hr/>

Blood to the equivalent of 752 donations were used in the Llanelly General, Bryntirion and Glasfryn Hospitals, during the period. Hospitals at Carmarthen, Morriston, Swansea, etc., also serve the needs of the area, and it should be noticed that the donations of blood in this area do not meet the needs of its sick persons.

Most people can donate blood to the Blood Bank, and the amount of blood taken is quickly replaced from the body's reserve. This reserve is replaced in a matter of days.

It is hoped that when the Blood Transfusion Unit visits this area in future, it will meet with much greater response.

### **National Society for the Prevention of Cruelty to Children :**

The local Inspector's address is—64, Felinfoel Road, Llanelly (Phone 3441).



## SANITARY CIRCUMSTANCES OF THE AREA

### WATER SUPPLY

**Source of Supply.**—Llynnyfan has a storage capacity at the intake works of approximately 172,000,000 gallons, and the Council are under an obligation to supply 680,000 gallons of water per day as compensation water to the South West Wales Rivers Board by the Llanelly District Water Act, 1912.

The source is a natural reservoir in an isolated mountainous area. The water is subjected to a rapid coarse sand filtration and chlorination. The gathering grounds form part of the National Parks and are accessible to the general public. In spite of the high degree of purity of the water in the reservoir therefore, I consider that the risk of contaminated water being passed into the distribution system, though small, is real. Reports as to the advisability of increased protection of the source and or increased treatment have been submitted to the Health Committee.

### Water Services :

In spite of previous reports, it is doubtful whether the actions taken so far are adequate to eliminate all risks.

Total consumption of water for past 10 years as follows :—

1950	.....	.....	655,420,000	gallons
1951	.....	.....	658,740,000	„
1952	.....	.....	650,750,000	„
1953	.....	.....	657,010,000	„
1954	.....	.....	659,820,000	„
1955	.....	.....	656,190,000	„
1956	.....	.....	653,630,000	„
1957	.....	.....	652,990,000	„
1958	.....	.....	626,390,000	„
1959	.....	.....	657,550,000	„
Total consumption for 10 years			6,528,530,000	„
Average consumption per annum.....			652,850,000	„
The average consumption per annum for Trades and Bulk Supplies purposes during the last 10 years was.....				
			376,281,000	„
Average consumption per annum for Domestic purposes was				
			276,569,000	„
or 138,000 gallons per day.				

The number of houses supplied with water from the public mains was 11,253, of these 4,262 were supplied by the Llanelly Borough Water Undertaking.

75 new connections were carried out during 1959 within the Llanelly Rural Water limits.

RAINFALL

I append records of rainfall as measured at Llynnyfan Waterworks and Cwmlliedi Waterworks during the year, and am indebted to Mr. D. C. Samuel, your Engineer, and to Mr. A. B. Richards, the Borough Surveyor of Llanelly, for these records :—

Month.	Llynnyfan Inches	No. of Days on which Rain fell	Cwmlliedi Inches	No. of Days on which Rain fell
January	9.55	13	5.17	21
February	0.96	4	0.76	7
March	8.67	22	4.36	22
April	8.06	19	4.46	22
May	2.00	8	1.34	10
June	4.90	11	4.16	15
July	6.21	14	3.29	16
August	1.47	10	2.09	13
September	0.78	2	0.58	2
October	9.74	17	7.76	16
November	14.51	20	9.56	25
December	17.01	27	10.07	30
	83.86	167	53.60	199

WATER SAMPLING

	Engineer's Department	Public Health Department
<b>Llynnyfan—After Chlorination</b>		
No. of samples taken during the year	7	
No. satisfactory	7	
No. unsatisfactory	Nil	
<b>Llannon</b>		
No. of samples taken during the year	Nil	
<b>Private Houses</b>		
No. of samples taken during the year	30	30
No. satisfactory	30	27
No. unsatisfactory	Nil	3
<b>Private Supplies</b>		Nil



**Water Supply :**

- (a) Schemes completed during 1959 :  
 Llannon to Wernbwll ; New Inn, Llanedy to Penyrheol ;  
 Waunbaglan ;  $\frac{3}{4}$ in. diam. extension at Fforest Road, Hendy ;  
 2in. diam. galvanized extension, Duffryn, Bynea ; New Council  
 Housing Site, Berwick, Bynea.
- (b) Schemes under construction during 1959 :  
 (1) Cae'r Corin, (2) Llanedy.
- (c) Schemes awaiting approval at 31/12/59 :  
 (1) Fforest to Wernbwll, Hendy ; (2) Clochyrie District  
 (3) Herberdeg, Five Roads.
- (d) Schemes under consideration at 31/12/59 :  
 (1) Rhydybiswel, Pontyberem ; (2) Blaenhiraeth ; (3) Cefn-  
 goleu, Llannon ; (4) Medelfyw to Felinfoel.

**RIVERS AND STREAMS**

The Dafen River again caused concern to the Department by reason of flooding, etc.

It would appear that little improvement can be expected until the South West Wales Rivers Board's plans for the river are put into operation.

**Sewage Disposal :**

- (a) Schemes completed during 1959—None.
- (b) Schemes under construction during 1959 :  
 (1) Halfway and Bynea ; (2) Llethry Road, Felinfoel.
- (c) Schemes awaiting approval at 31/12/59 :  
 (1) Tycroes ; (2) Reconstruction of Pwll and Sandy Sewerage  
 Scheme.
- (d) Schemes under consideration at 31/12/59—None.

**Closet Accommodation :**

No. of open midden privies	.....	.....	Nil
No. of covered midden privies	.....	.....	Nil
No. of pail closets	.....	.....	995
No. constructed during the year	.....	.....	Nil
No. of Water Closets	.....	.....	11251
No. constructed during the year	.....	.....	103

**Refuse Collection and Disposal :**

Refuse collection and disposal is controlled by the Department. In the major part of the district, refuse is collected twice weekly and is disposed of by partially controlled tipping. During the year a Hydra-Digga machine was purchased and this is proving helpful in

improving the control of tipping grounds. The use of open, often dilapidated receptacles by householders as dust-bins, can by no means be regarded without some trepidation. The Council have considered possibilities of providing bins to householders, but have taken no action in this matter up to the present time.

**Public Health Act, 1936, Section 172**—No legal action taken.

**National Health Act, 1946, Section 47 :**

No action to obtain powers for the compulsory removal of persons in need of care and attention to an institution was taken during the year.

#### **SANITARY INSPECTION OF THE AREA**

Total number of inspections made in 1959	.....		7550
Number of informal notices served	.....		35
Number complied with wholly	.....	19	
Number complied with partially	.....	5	
		—	24
Number of statutory notices served	.....		6
Number complied with wholly	.....	3	
Number complied with partially	.....	2	
		—	5

( Inclusive of notices served in previous years).

**Premises and Occupations which can be controlled by Bye-laws or Regulations.**—Inspections were made regularly.

**Eradication of Bed Bugs and other Vermin :**

Houses inspected during the year have generally been free from vermin. Action was found necessary in three houses only.

**Eradication of Ants, Flies, etc.**

51 houses were found to be infested with ants or flies and necessitated an average of three treatments per house. The main difficulties experienced here were due to infestations by cluster flies.

**School.**—School kitchens and canteens have been regularly inspected and found to be generally satisfactory.

**Rag Flock Act.**—No premises in the district.

**Disinfection of Clothing.**—Together with the Llanelly Borough Council, Burry Port Urban District Council and the Kidwelly Borough Council, the joint provision of a Vapour Gas Disinfector for the disinfection of clothing, etc., was installed and put into operation in 1955. This is proving itself adequate for the needs of the area.



**HOUSING****1. Inspection of Dwelling-Houses during the year :**

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .....	215
(b) Number of inspections for the purpose .....	371
(2) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .....	6

**2. Remedy of defects during the year without service of formal Notices :**

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers :

(a) Completed .....	105
(b) Partially Completed .....	5
	—————
	110

**3. Action under Statutory Powers during the year :**

(a) Proceedings under Sections 9 and 10 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs .....	Nil
(2) Number of dwelling-houses which were repaired after service of formal notices :	
(a) By Owners .....	1
(b) By Local Authority in default of owners .....	Nil
	1

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....	6
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a) By Owners :	
Completed .....	3
Partially completed .....	2
	—————
(b) By Local Authority in default of Owners .....	5
	Nil

## (c) Proceedings under Sections 16 and 17 of the Housing Act, 1957 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	.....	.....	3
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	.....	.....	13
(3) Number of Closing Orders made under Section 17 of the Housing Act, 1957	.....	.....	Nil
(4) Number of Closing Orders determined	.....	.....	1
(5) Number of undertakings accepted under Section 16 to recondition dwelling-houses	.....	.....	Nil
(6) Number of houses in respect of which Cease User Undertakings were made	.....	.....	Nil
(7) Number of houses in respect of which Cease User undertakings operative and rendered fit	.....	.....	4
(d) Proceedings under Section 18 of the Housing Act, 1957 :			
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	.....	.....	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit	.....	.....	Nil

**Factories Acts, 1937-1948**

Number of Factories registered in area	.....	.....	71
Inspections made by Public Health Inspectors under above Acts in relation to those Sections enforced by Local Authority	.....	.....	41
One notice was served under Section 9, of the Factory Act, 1937.			

**Bakeries :**

Number of bakeries in area	.....	.....	6
Number of inspections carried out	.....	.....	15

**Smoke and Grit Nuisance :**

A few complaints were received during the year regarding smoke and grit nuisances, and were investigated. In conjunction with the managements of the works involved, most of the nuisances complained of were eliminated or mitigated as far as possible. One old type steelworks, however, continues to be a source of complaints. These are receiving the attention of H.M. Alkali Inspector, the Public Health Department and the management and it is hoped that considerable improvement in the position will be made as a result of the joint discussions.

### Housing :

The number of applicants for Council houses at the end of 1959 was 631 as compared with 670 at the end of 1958.

The number of houses owned by the Council is 3,018, an increase of 56 from the 1958 figures.

The distribution of houses is as follows :

Parish		Built under		Post War Programme			Total
		Housing Act, 1919	Housing Acts, 1930-38	Houses	Prefab- ricated Bunga- lows	Flats	
Llanelly Rural	.....	54	212	937	60	2	1295
Llannon	.....	44	49	296	10	—	399
Llanedy	.....	36	23	210	10	—	280
Pembrey	.....	19	29	392	20	4	464
Llangennech	.....	—	56	260	—	—	316
Pontyberem	.....	40	58	154	—	12	264
Totals	.....	193	427	2249	100	18	3018

Two houses were erected in each of these parishes in 1944 for occupation by Agricultural Workers.

### Housing Acts, 1919-54

Applications for grants towards improvement works were received during the year, 101 being approved for the payment of grants to the value of £28,815. The total value of work to be carried out was £67,127.

### Housing of Persons Inadequately Housed

In pursuance of powers under Regulation 17 of the Defence (General) Regulations, 1939, Circular 2845, one house is still requisitioned and one family accommodated therein.



**OCCUPIED DWELLING HOUSES IN LLANELLY RURAL  
DISTRICT AT 31st DECEMBER, 1959**

Parish	Houses and Flats	Shops with Private Dwelling Accom- modation	Agri- cultural Dwelling Houses	Public Houses	TOTAL
Llanelly Rural " A "	1282	21	143	11	1457
Llanelly Rural " B ".....	4305	84	24	17	4430
Llannon ..... ..	1352	61	99	6	1518
Pembrey ..... ..	1666	31	91	17	1805
Llangennech ..... ..	836	25	26	9	896
Llanedy " A " ..... ..	695	21	20	9	745
Llanedy " B " ..... ..	499	16	27	2	544
Pontyberem ..... ..	828	15	39	4	886
	11463	274	469	75	12281

## INSPECTION AND SUPERVISION OF FOOD

### Registrations

The number of premises registered in accordance with Section 16 of the Food and Drugs Act, 1955, in your district are as follows :—

Butcher Shops	.....	.....	.....	.....	37
Fish and Chip Shops	.....	.....	.....	.....	18
Ice-Cream Manufacturers	.....	.....	.....	.....	3
Ice-Cream dealers in pre-packed ice-cream	.....	.....	.....	.....	102

### Ice-Cream Regulations

Samples of ice-cream were taken from registered manufacturers and dealers during the year and duly submitted for bacteriological examination and were placed in the following provisional grades :

Grade 1	.....	.....	35
Grade 2	.....	.....	6
Grade 3	.....	.....	1
Grade 4	.....	.....	1

## MILK AND DAIRIES REGULATIONS

No. of Persons registered as Distributors	.....	62
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### Milk Sampling :

No. of samples taken during 1959	.....	.....	31
No. Satisfactory	.....	.....	31
No. Unsatisfactory	.....	.....	Nil

### Knacker's Yard

A Knacker's Yard is situated within the district at Cwmbach, Upper Tumble. The premises is licenced in the name of Mr. J. B. Goodard.

### Licenced Slaughterhouses in Rural District :

District	Premises	Licensee
1 Pontyates & Ponthenry	Vaynor, Pontyates	Mrs. A. Davies
2 Pontyberem	Vale View, Pontyberem	Tom Jones
3 Tumble	Bryncochfach, Upper Tumble	W. J. Richards
4 Cross Hands	Grugawel, Cross Hands	T. Samuel
5 Tycroes	Rhuddlan, Tycroes	I. G. Ebsworth
6 Hendy & Llangennech	Talyclun, Llangennech	W. J. Clement
7 Llwynhendy & Bynea	Techon, Llwynhendy	H. T. Jones
8 do.	Engine Fach, Bynea	J. J. Thomas
9 Pembrey and Pwll	Cwm, Pembrey	Hugh Thomas

The above slaughterhouses have been regularly inspected during the year. These do not as yet fully comply with the provisions of the Slaughterhouse Hygiene Regulations, 1958.

		Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	.....	1637	581	5801	19768	7368	—
Number Inspected	.....	1637	581	5801	19768	7368	—
1. All diseases except Tuberculosis :							
(i) Whole carcasses condemned	.....	1	9	3	21	5	—
(ii) Carcasses of which some part or organ was condemned	.....	461	243	4	1271	426	—
(iii) Percentage of the number inspected affected with diseases other than T.B.	.....	28.22	45.09	.12	6.53	5.85	—
2. Tuberculosis only :							
(i) Whole carcasses condemned	.....	—	—	—	—	—	—
(ii) Carcasses of which some part or organ was condemned	.....	—	3	—	—	38	—
(iii) Percentage of number inspected affected with T.B.	.....	—	.52	—	—	.52	—

The total number of carcasses inspected for the past four years are as follows —

1955	.....	27,445:
1956	.....	41,341
1957	.....	39,229
1958	.....	32,280
1959	.....	35,155



## SUMMARY OF FOODSTUFFS CONDEMNED YEAR ENDED 31st DECEMBER, 1959

	No. of Containers	Weight lbs. ozs.
Meat .....	.....	242 0
Canned Meats .....	18	96 0
Canned Fish .....	1	1 0
Canned Vegetables .....	2	5 8
Canned Vegetable Soups .....	1	1 0
Canned Tomatoes .....	9	8 8
Canned Stone Fruits .....	6	12 0
Canned Seed Fruits .....	7	8 8
Canned Evaporated Milk .....	3	6 0

## PREVENTION OF DAMAGE BY PESTS ACT, 1949

### RODENT CONTROL

Rodent Control is now carried out under the provision of the above Act, one full-time operative being employed.

The number of treatments during the year were as follows :

Business Premises 19. Private Dwellings 922.

Surface Properties 32.

All the sewerage systems and the sewage disposal works in commission in your area were also tested in accordance with the prescribed method laid down in the Act and were found to be free of any infestation by rats. The refuse tips in your area were periodically treated for infestation by rodents.

## NUMBER OF INSPECTIONS CARRIED OUT DURING 1959

### Public Health Act :

House Inspections .....	194
House Reinspections .....	279
Water Supply .....	136
Drainage .....	509
Nuisances .....	348
Piggeries .....	29
Offensive Trades .....	16
Tents, Vans and Sheds .....	58
Public Conveniences .....	254
Places of Entertainment .....	Nil
Refuse Collection .....	281
Refuse Tips .....	285
Infectious Diseases .....	496
Disinfection .....	20
Disinfectation .....	110

**Housing Act :**

House Inspections	.....	.....	.....	.....	21
House Reinspections	.....	.....	.....	.....	92
Housing Improvement Grants	.....	.....	.....	.....	326

**Food and Drugs Act :**

Fried Fish Shops	.....	.....	.....	.....	60
Licensed Premises	.....	.....	.....	.....	24
Butchers Shops	.....	.....	.....	.....	947
Butchers Vans	.....	.....	.....	.....	466
Canteens	.....	.....	.....	.....	43
Fish and Rabbit Vans	.....	.....	.....	.....	21
Food Preparing Premises	.....	.....	.....	.....	50
Grocers Shops	.....	.....	.....	.....	187
Ice-Cream Premises	.....	.....	.....	.....	115
Street Vendors and Hawkers	.....	.....	.....	.....	Nil

**Other Inspections :**

Factories and Workshops	.....	.....	.....	.....	41
Bakehouses	.....	.....	.....	.....	15
Rodent Control	.....	.....	.....	.....	56
Slaughterhouses	.....	.....	.....	.....	975
Dairies	.....	.....	.....	.....	49
Housing Application Investigations	.....	.....	.....	.....	287
Miscellaneous	.....	.....	.....	.....	456
House Inspections (Rent Act)	.....	.....	.....	.....	40
House Reinspections (Rent Act)	.....	.....	.....	.....	30
Smoke Nuisances	.....	.....	.....	.....	21
Demolition Inspections	.....	.....	.....	.....	113
Petroleum Inspections	.....	.....	.....	.....	31
Watercourse Inspections	.....	.....	.....	.....	69

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7550

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